Feasibility Analysis

electric customers on both sides of the antenna pole can continue to be served when the antenna pole is isolated. In this situation, if the antenna on this particular pole were to cause an outage, FPL has no way to readily isolate Pole 335; all the customers on this particular circuit will be without electric service until the problem is resolved.

Proposed installation will result in a decrease of the Basic Impulse Insulation Level (BIL) level when compared to the BIL level prior to installation. BIL level can only be returned to an acceptable level by using construction methods and materials different from those used in FPL's own operations. — Safety, Reliability and Applicable Engineering Concerns.

Your calculation (180 kV) of the BIL at this location using a 35kV insulator, after the proposed antenna installation, demonstrates that the installation of your equipment will reduce the insulation level of FPL's flashover protection on Pole 335 by 52%. Additionally your proposed installation will decrease the BIL level below FPL's design standard BIL level of 350 kV for Pole 335 (engineering concerns). Decreasing insulation levels and increasing flashover potential will, in turn, increase the likelihood of outages, increase the safety risk of those working around these facilities and expose FPL's and customers' facilities to a greater chance of damage resulting from flashovers (safety, reliability and applicable engineering concerns).

The location of the antenna installation significantly increases the probability of lightning strikes—Safety, Reliability and Applicable Engineering Concerns.

Your calculation using 14 flashes/km²/year demonstrates that your request for an antenna on Pole 335 will increase the probability risk of lightning strikes on the pole structure by fifteen percent. A more accurate approach to calculating lightning strikes is to include shielding factors. Your calculation does not take into account the shielding of surrounding objects (For Pole 335, there are four houses, one very large tree and several smaller trees) that would deflect some of the direct lightning strikes on the Pole 335.

The number of strikes to a pole structure is directly related to the pole's height, the flash density of the location and a variant of the sum of shielding factors associated with objects surrounding the pole. IEEE demonstrates in Std. 1410-2004 the impact of shielding factor on the number of lightning strikes on a distribution line by using the formula $N_s = N[1-(\sum SF)]$. When the surrounding objects are close and taller or similar in height to the pole, the direct lightning strike possibility (or risk of lightning) approaches zero, because the sum of the shielding factors approach one (1). However when the proposed structure (Pole 335) is nine feet taller than the existing structure, the shielding factors associated with the surrounding shielding objects (which do not change height) rapidly diminish. An example of this diminishing effect is displayed in IEEE Std. 1410-2004 Figure 4. The resultant probability of lightning strikes to Pole 335 would increase to a number significantly greater than fifteen percent of the existing pole.

Any increase to the probability of direct lightning strikes presents an unacceptable increase of risk to electric customer reliability, crew safety, FPL's facilities and the property of FPL's electric customers.

Feasibility Analysis

Regarding your note on the calculation work sheet stating, "the wire height will not change. Therefor [sic] the Lightning Flash collection rate for the line itself will not change. The calculated change will apply only to the pole being replaced." -- this note does not address the fact that the direct lightning strike, that would have otherwise been shielded by surrounding objects, on the attacher's equipment or the top of Pole 335 will flashover from the attacher's cable or other facilities to FPL's facilities from the top of the pole or as it passes by the primary facilities. This flashover will cause an outage (reliability). See the following notes from IEEE 1410-2004, IEEE Guide for Improving the Lightning Performance of Electric Power Overhead Distribution Lines:

- "Lightning may have a significant effect on a line's reliability, especially if the poles are higher than the surrounding terrain. More flashes are collected by taller structures."
- "Unless distribution-line insulation is protected with a shield wire or arresters, all direct lightning strikes will cause flashovers regardless of insulation level, conductor spacings, or grounding."
- "It is assumed that all flashovers will cause faults on the distribution circuit..." [Emphases added])

Even if a direct strike to the proposed antenna could be completely isolated from FPL's equipment by using methods not normally employed by FPL in its operation of Pole 335, the induced voltage from the (increased probable) strike in close proximity would be enough to cause an electrical outage by flashover (See IEEE Std. 1410-2004).

Potential Alternate Antenna Location:

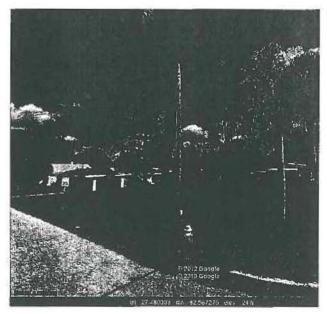
As noted above, a potential alternative to Pole 335 on permit # 73-12-107, we suggest you consider the telephone pole at the location below. (see photo below).

Approximately: 505 22nd Av West Bradenton, FL Lat: 27.480012 Long: -82.567264

A pole top evaluation for this particular pole would not be required. There are several other FPL and telephone poles along 5th Street West that wouldn't require a pole top evaluation. FPL will, of course, work with you on any pole you submit for evaluation.

Product Engineering Dept - FPL 5110 NW 159 Street Miami, FL. 33014 (305) 626-3003

January 22nd, 2013



POLE MIDSPAN MEASUREMENT WORKSHEET / WIND LOAD

CATV / 1	TEL MR R	EQ'D	IFIPT IN	rrend y	FPL SID	E GUY		PERMIT#	73-12-107
NUMBI	ER OF LAI	NES	R/W ACC	ESSIBLE	MS DIR (NE	XT SPAN)	W	MS X-ING	RD
	PO	LE SPAN	LENGTH		PRIMARY I	FRAMING	MV	SET DEPTH	6.5
PREVIOUS	84	4	NEXT	40	# OF PH	IASES	1	WIND	LOAD
ATTACH	P-SIZE	N-SIZE	QTY HEIGHT	MID SPAN	ATT'D SPAN	MR IN FEE	T		MOMENT
PRI	1/0T		1 34.5						679.73
	ia.								
NEU SEC	1/0T 1/0T		28.83 27.75	28.25 27					574.62 554.60
SEC	1/0T		26.67	26					534.57
CATV	1	1	22.58	21.58					1150.72
TEL	1.25	1.25	19	19.33					1230.31
			F	ROPOSED A	TTACHMENT				
TELC	1	4	P 39	10/	UT OI	40 /	2	041.0	1914.25
OWNER POLE#	TE NODE		TYPE CATV MAP #		HT-CL FPL MAP #	40 / KT0595		CALC ALLOW	6638.79 32644.00
ADDRESS	,,,,,,,,,			7 3RD ST W				WIND LOAD	PASS
TLN					JUNCTION	POLE			
INSP BY	TI	Л	DATE	9/20/2012	PIC 1	5754			
LAT	-NITOMP !	350	LONG	DI TO CET 4	PIC 2	5755	TENIN	IA LOCATION	
COMME	ENTS/MR	KEQ!	r	PL 10 SE1 4	5' POLE FOR P	OLE TOP AN	I FIMP	NA LOCATION	

LCULATI	IONS								Date:		11/17/12
Pole	# Node 33	15		WIN	IDLOADIN	G MOME	ENT				
				37.11			5975393033		Permit No		73-12-107
Tole Type								•	· Dinne Ho.		15-12-101
Const					UNLOODA		- 0070	•			
JOI ISL						Windfe	ading OK2		PAGG		
						ashire Tr	ading Oits				
									(TESHIO)		
	AVG SPAN	02									
-			Wind Load	-	Avn		Height	-	Setting		
	Number of				100 TO 10			4			
		Y		¥	Manage and a second	v				-	MOMENT (ftfb.)
SIZE	Oth Redokard		(Table I)	-	Longar		Ground			_	WORLD DOIL
	1	Y	0.237	v	62	× (34.50	+	233)	=	541.23
							A CONTRACTOR OF THE PARTY OF TH	-			0.00
-	- Annual Contract of the Contr	~									0,00
								_			0.00
							The same of the sa	-			0.00
							CONTRACTOR OF THE PARTY OF THE	-			0.00
		^	n Called	Α.	U.E		4.00	-	2,33		0,00
		140	0.000	1601	00		20.00	27	200		C
								_	The second secon		577.77
	AND DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUM							-		-	557.68
THE RESERVE AND ADDRESS OF THE PERSON NAMED IN								-			537.60
				_			The state of the s				0.00
				_							0.00
	The second second second	X	0	X	62	Х (0,00	+	2.33	H	00,0
S						27 102					
Name -		X		x		x (+		=	0.00
		X		X		× (The second secon	+	2.33)	G	1158.63
	1.25	х	0.9375	X		x (THE RESERVE AND THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TW	+	2.33)	=	1240.00
	0	X	0	x	62	x (0.00	+	2.33)	5	0,00
441	_ D	X	0	X	62	x (0.00	4	2.33)	=	0.00
		X	0	X	62	x (0,00	+	2.33	==	0.00
	SIZE										
	0	X	D	Х	62	x (0.00	+	2.33)	=	0.00
						TOTA	L MOMENT DUE TO	CON	DUCTORS	=	4612.91
			Wind Load				Height		Setting		
			Force in the				Above	+	Depth		
							Ground		3	25	MOMENT (RID.)
	KVA				All and a second					1	
	10		29		x	- (41	+	2.33)	π.	1256,67
	0		0			1	0	+		=	0.00
	0		0		×	- (0	+	2.33)	=	0.00
		-		-	-						
	1	x	0		x	1	0	+	2.33 1	-	0.00
					-	14	of West a con	-			
	1	x	0		×	- 1	0	+	2.33	п.	0.00
		- 188	NO. THE RESERVE OF THE PERSON NAMED IN COLUMN 1				-	N J THE	- Allin de	-	3.00
	1	¥	0		y		0	+	2.33	-	0.00
WITCH		-	-		merchan ex	-	220-	1.1.107	1		J. 100
	1	x	0		¥		D	+	2.33	=	0.00
SI7E	The second secon		THE RESERVE AND ADDRESS OF THE PARTY NAMED IN		^		THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.	-	- 100	-	0,00
SILL							above Ground	4			
	above Gmd		Force in its					*	Depth		HOHENE IS II I
	0.00		per ft.	_	-	-	2	-	3	=	MOMENT (ftlb.)
-		X	0		Х		0.00	+	2.33	- 2	0.00
0	0.00		C								
0	0.00	Х	0	-	X		0.00	+	2.33		0.00
			0	_				+	2.33]		
			0			MENT DUE	TO EQUIPMENT	+	2.33]	=	1256.67 ftfb.
			0			MENT DUE					
	Pole	Pole # Node 33 Pole Type (wood/concrete)	Pole # Node 335	Pole # Node 335	Pole # Node 335 WIN	Pole # Node 335	Pole # Node 335	Pole # Node 335	Pole # Node 335	Point # Node 335	Pole # Node 335



BIL

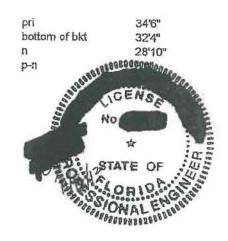
Permit# 73-12-107

Pole#

NODE335

Address 2107 3rd ST W. Bradenton

	KV	=	KV KV	BIL wood pole 55 KV/ft		
Existin	9	2.5 =	180 +	192.5	insulator 35kv porcelain post top tie	P-N ft 3.5
Propos	ed //	180 =	180 +	0	35kv porcelain side post tie	0



permit#

73-12-107

pole#

Node 335

Address

2107 3rd ST W. BRADENTON

Lightning Flash Collection Rate

N

N

[28h - b]/10

N = Lightning Flash Collection Rate in Flashes/100 km/yr

x

No = Ground Flash density in flashes /km(2)/yr

h = height of structure in meters

b = structure width in meters

for pole line this is approx = 0

N_g for south Florida assumed value 14 flashes /km²-year from Electric Power Engineering Handbook by L.L.Grigsby fig 6.3 data from VAISALA



	N	= :	N_g	X	28 h "."			
	flashes /1						meters fee	t
existing	158,0236	5 = N	=	14 x	11.2874	existing height=	10.2108	33.5
proposed	183.5592	2 = N	z	14 x	13.11137	proposed height=	13.1064	43

NOTE the wire height will not change. Therefor the Lightning Flash collection rate for the line itself will not change. The calculated change will apply only to the pole being replaced.

N_{pole} = Lightning flash collection Rate for the Antenna-Pole

size of antenna = 8" diameter

meters =

0.2032

1meter/39.37 inches

8 inch

N in flashes/100km/yr

calculate using effective distance of 1 meter

Existing Npole = N x Distance = N/100 (1meter)(1km/1000meters) =

0.00158 flashes /year

Proposed Npote = N x Distance = N/100 (1meter)(1km/1000meters) =

0.001836 flashes /year .

Reply Exhibit 14

Form 1730 5/60

PUBLIC VERSION

EASEMENT

*	Section	54
with	Township	375
DWO No.	Range	
ER No. Pole No.	February	13 , 19 67
FLORIDA POWER & LIGHT COMPANY	AND GENERAL TELEPHONE (COMPANY.
Gentlemen:		
In consideration of the payment good and valuable considerations which through me us, grant and give to you a maintain wires, poles and anchors for and the necessary appurtenances for succear all trees, brush and undergrowth to operation and maintenance of said lines. Lot 6, Block E, Forest Lakes Subdiv 81+A, Public Reocrds of Sarasota Co Said easement to be 10' in width rulot line of Lot 6.	I we have received, I and your successors the electric transmission and the lines; also, the right that might endanger the late of the lat	we and those holding right to install and and distribution lines, to cut, trim and keep proper construction, escribed as follows: at Book 7, Page
	×	
		it.
	E	
In the presence of: Rolph & Vaverport Rolph E. Vaverport Rolph E. Vaverport	Mrs Redent DI	Stable (SEAL) Outlook (SEAL) (SEAL)
- Constant of Management		(SEAL)

	EASEMENT		
	Secti	on	34
	Town	ship3	7
DWO No.	Rang	e/_	8
ER No. Pole No.	_ Feb	ruary 13	, 1967
FLORIDA POWER & LIGHT COM	IPANY AND GENERAL TELEPI	HONE COMPANY.	
Gentlemen:	A		
good and valuable considerations through me us, grant and give to maintain wires, poles and ancho and the necessary appurtenances clear all trees, brush and undergo operation and maintenance of said	o you and your successor rs for electric transmiss for such lines; also, the reconstitution of the formation of the such that might endanger d lines, on my our property.	d, I we and es the right to ion and distr right to cut, the proper exty describe	those holding to install and ibution lines, trim and keep construction, d as follows:
Lot 6; Block E, Forest Lakes 81-A, Public Records of Sara	Subdivision as recorded i sota County.	n Plat Book	7, Page
Said easement to be 10' in w lot line of Lot 6.	idth running parallel with	the south e	asterly -
	£ %	4.5	
F			
	1.	rien E	
	4,	140	
	•	從	
*			
× **			
T- 11			
In the presence of: Ralph E. Daverport	Walt 2	1. Buth	SEAL)
8,0 Richit	- May Rahart al	Butterfield	(SEAL)
		· · · · · · · · · · · · · · · · · · ·	(SEAL)
			(SEAL)

Form 1730 5/60

EASEMENT

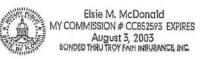
	Section
	Township
DWO No	Range
ER No. Pole No.	February 13, 1 , 19 67
FLORIDA POWER & LIGHT COMPANY AND GENER MINERAL Florida	AL TELEPHONE COMPANY
Gentlemen:	
In consideration of the payment to me us good and valuable considerations which I we have through me us, grant and give to you and your s maintain wires, poles and anchors for electric to and the necessary appurtenances for such lines; a clear all trees, brush and undergrowth that might operation and maintenance of said lines, on my of	e received, I we and those holding successors the right to install and ransmission and distribution lines, lso, the right to cut, trim and keep endanger the proper construction,
Lot 5, Block E, Forest Lakes Subdivision, Page 81-A, Public REcords of Sarasota Cou	as recorded in Plat Book 7,
Said easement to be 20' in width running plot line of Lot 5.	parallel with the Northwesterly
¥-	
In the presence of:	is a p
6.0- Kickent Sie	ele (Swanner) (SEAL) X
JR Body LEman	d. 7 Swanson (SEAL)
<i>V V</i>	(SEAL)
	(SEAL)

	PUBLIC VE	RSION		
Work Order No. NA	EASEMENT	and Div	ERECORDED IN	
	This Instrument Preparation Name: ANNA/PURS	74	ÉRINEN :	1999174491 7 PGS
Sec.25_, Twp 36_S, Rge 18_E	Co. Name: / FPL		и 1999 SEP 1	13 04:38 PH
Parcel I.D. #	Address: 5657 S. MCINT	OSH RD		E. RUSHING CIRCUIT COURT
(Maintained by County Appraiser)	SARASOTA, FL	. 34233	SARASDTA J	COUNTY, FLORIDA
		(1)	A DCOURSEY	Receipt#137105
Form 3722 (Stocked) Rev. 7/94				*14.* - *
The undersigned, in consideration and valuable consideration, the acknowledged, grant and give licensees, agents, successors, a construction, operation and mai electric utility facilities (including appurtenant equipment) to be insreconstruct, improve, add to, enlar of and remove such facilities or an	adequacy and receipt of water Florida Power & Light and assigns, an easement intenance of overhead an wires, poles, guys, cables stalled from time to time; wage, change the voltage, as was to the control of the contr	chich is hereby Company, its forever for the dunderground, conduits and with the right to well as, the size	д н н н н н н н 1999124	691
width described as follows:			н	
			TERRETARIES COMPANY	
FIVE (5)FEET IN WIDITH ONEIT	HER SIDE OF UTILITY LIN	INES AS INSTA	でなぐぐぐぐぐぐん CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	LEE ESOM TIME TO TOWE
ON THE PROPERTY AS DESCR	IBED BELOW:			LET HOM TIME TO TOME
89*55'50"-E. ALONG THE WIDE); 172.50 FEET FOI RW, 127.50 FEET TO TH THENCE S. 00126'16 W. WIDE); 330.51 FEET TO (ALSO PLATTED AS PAL THENCE'N-00126'16" E. 150.00 FEET TO THE PC	PUBLIC RECORDS OF SARAS SOUTH RW OF PALMER BOURS OF PALMER BOURS OF PALMER BOURS OF PALMER OF LIFE NORTHEAST CORNER OF LIFE NORTHERLY RW OF AN AMER BLVD.); THENCE N. 80°25 Y51.84 FEET, THENCE N. 80°25 NNT OF BEGINNING. LYING AN T. SARASOTA COUNTY, FLORIG	LEVARD (PLATTED NCE CONTINUE N. OT 390 OF AFORES INTT AVENUE (PLA IBANDONED 130 FC '35" W. ALONG SAII D BEING IN SECTIO D BEING IN SECTIO	AS RINGLING BLVD 89°55'50" E. ALONG AID SUBDIVISION; TTED AS WEST AVE DOT RAILROAD RAW D LINE, 171.17 FEET ; THENCE N. 00°26'1	SAID 50°
Together with the right to permit a and conduit within the easement a premises at all times; the right to easement area; to trim and cut ar easement area which might interdistribution; and further grants, to granted on the land heretofore desaid property.	and to operate the same for operate the land and keep it of the keep trimmed and cut all fere with or fall upon the the fullest extent the unde	communications peared of all trees dead, weak, leadines or systems rsigned has the	ourposes; the right , undergrowth and ning or dangerous of communicatio power to grant, if	of ingress and egress to said dother obstructions within the strees or limbs outside of the ns or power transmission or at all, the rights hereinabove
IN WITNESS WHEREOF, the und	ersigned has signed and se	aled this instrume	ent on8	17-, 19 99.
Signed, sealed and delivered in the presence of:		FRIENDSH	(Corporate's r	T Church.
	,	By: Meno	se li K	1
Marcha Blackwell (Witness' Signa	ature)		(President's sig	mature)
Print Name MARTHA BLAG (Witness)		Print Name: C	Serrae R. Ed	rnest Tr
(Witness)		10-00	4822 Fruit	
wante that		_5	arasota, Fl	34232
Wanda Tall (Witness' Signa	ature)	Attest:	Lerne In	Exer
Print Name WANDA Whoels	<u> </u>			, , , , , , , , , , , , , , , , , , , ,
(**************************************		11-1-11	AUKRNE B	
		Print Address:		RWYNN DR.
			SAGRISTA	F1. 34242

(Corporate Seal)

PUBLIC VERSION OFFICIAL REDRES INSTRUMENT # 1999124691 2 PGS

STATE OF FLORI	DA AND COUNTY O	F SARASOTA	. The foregoing	ng instrument was a	cknowledged
before me this 10th	day of SEPTEMBER,	1999, by GEORGE R	EARNEST, JR.	, and La	VERNE
MEEWAN	respectively the	President and	Secretary of _	FRIENDSHIP	BAPTIST
CHURCH	, a FLORIDA C	corporation, on behalf of sa	id corporation, who are	e personally known t	o me or have
produced	as identification, and	who did (did not) take an o	ath.		
My Commission Expire	es:	(Type of Ide	entification)	*	
			Place 77. 7 Notary Public, Signatur	mc Donald	
			Print Name FLS	EM. MCDON	IALD



Date	Nev	8	10	82
Date	1000	U	 13	0

Sec. 26&27 Twp. 36S Rge. 18E

The undersigned, owner (s) of the premises described below, in consideration of the payment of \$1.00 and other good and valuable consideration, the adequacy and receipt of which is hereby acknowledged, grant and give to Florida Power

& Light Company, its licensees, agents, successors, and assigns, an easement forever for the construction, operation and maintenance of overhead and underground electric utility facilities (including wires, poles, guys, cables, conduits and appurtenant equipment) to be installed from time to time; with the right to reconstruct, improve, add to, enlarge, change the size of and remove such facilities or any of them, on the property described as follows:

DESCRIPTION:

00

ER No. ¿ Pole No.

(10' UTILITY EASEMENT)

A 10 ft. easement lying And being in Sections 26 & 27, Twp. Rge. 18 E., Sarasota County, Florida, described as follows: 36 S.

Commence at the SW corner of said Section 26 (Sarasota County Reference Sheet No. 228); thence N 0° 15' 06" E, 52.00' for a P.O.B. (said P.O.B. being on the N'ly line of a 52' Sarasota County P.O.B. (said P.O.B. being on the N'ly line of a 52' Sarasota County Drainage R/W - Phillippi Creek Lateral "A-A"), recorded in C.O. Bk. 3, Pg. 211 and 212; thence S 89° 39' 30" W, into Section 27 for a distance of 0.54' to a P.I.; thence S 89° 39' 55" W, along said N'ly line of 52' Drainage Easement, 373.51' to the E'ly R/W of McIntosh Road (existing 80' R/W); thence N 0° 20' 05" W, along said E'ly R/W, 0.89' to the P.C. of a curve-concave to the West having a radius of 602.96'; thence NW'ly along said R/W and arc of said curve, through a central angle of 0° 51' 56", 9.11'; thence leaving said R/W, N 89° 39' 55" E, along a line 10' N'ly of and parallel with said N'ly line of 52' Drainage Easement, 373.57' to a P.I.; thence N 89° 39' 30" E, continuing along said parallel line, 380.92' to a P.I. (into Section 26 at 0.64'); thence N 40° 58' 02" E, continuing along a line parallel with and 10' NW'ly from NW'ly line of said 52' Sarasota County Drainage R/W, 1461.29'; thence S 73° of said 52' Sarasota County Drainage R/W, 1461.29'; thence S 73° 12' 51" E, along SW'ly boundary line of "lift station" parcel, 10.96'; thence S 40° 58' 02" W, along said NW'ly line of 52±3 Sarasota County Drainage R/W, 1470.31' to a P.I. in said Row thence S 89° 39' 30" W, along the N'ly line of said 52' Sarasota County Drainage R/W, 385.55' to the P.O.B.

Said Easement encompassing 0.5104 acres, more or less

83 together with the right to permit any other person, firm or corporation to attach wires to any facilities hereunder and lay cable and conduit within the right of way and to operate the same for communications purposes with the right of ingress and egress to said premises at all times, to clear the land and keep it cleared of all trees, undergrowth or other obstructions within the easement area; to trim and cut and keep trimmed and cut all dead, weak, leaning or dangerous trees or limbs outside of the easement area which might interfere with or fall upon the lines or systems of communications or power transmission or distribution, and further grants, to the fullest extent the undersigned has the power to grant, if at all, the rights hereinabove granted on the land heretofore described, over, along and under the roads, streets or highways adjoining or DS PAID _ . 45 DATE 2 through said property.

IN WITNESS WHEREOF, the undersigned havesigned and sealed this god own removed

R. H. HACKNEY, JR. Sarasota County Clerk Circuit Court

agreement on 1 tree 1100 1100 . 1900	order of our control of the
	By:14. Glec
Signed, sealed and delivered	Oak Trails Joint Venture Deputy Clerk
in the presence of:	By Dondi Housing Corporation
	. [6]
Lan ? Hoge	Jan Jan (SEAL)
Margin Hon. 50	Wayne R. Thompson Pres.
1 magray anales	(SEAL)
Subolling &	B. Sol John (SEAL)
18 all LA	JECRETARY
MANY	(SEAL)
The section of the se	
AFFECTION PROPERTY. AND ADDRESS OF THE PROPERTY OF THE PROPERT	

STATE OF FEORIDA AND COUNTY OF DALL AS

day of Movem The foregoing instrument was acknowledged before me this

FPL-R16-0009 My commission expires -4-86

S.UOWC.

	Frep	area	py:	D;	ave	Kno	oaes	s s
1	Flor	ida 1	Power-	&	Lig	ght	Co	
V	P.O.	Box	1119,		Sara	asot	ca,	Fl

Signed, sealed and delivered in the presence of:

PUBLIC VERSION

Box	1119,	Sarasota,	L.T.				700
ER No	RWO	2833-7-560	0	Form 3	3722 (Stocked) Rev. 6/80	Date 3-11	19.85
Pole No				Sec. 26 Twp. 36	S Rge. 18E		

The undersigned, owner (s) of the premises described below, in consideration of the payment of \$1.00 and other good and valuable consideration, the adequacy and receipt of which is hereby acknowledged, grant and give to Florida Power & Light Company, its licensees, agents, successors, and assigns, an easement forever for the construction, operation and maintenance of overhead and underground electric utility facilities (including wires, poles, guys, cables, conduits and appurtenant equipment) to be installed from time to time; with the right to reconstruct, improve, add to, enlarge, change the voltage, as well as, the size of and remove such facilities or any of them, on the property described as follows:

A 10' easement, lying 5' either side of the following described centerline:

Commence at the intersection of the North R/W of Bahia Vista Street (50' from centerline) and the West R/W of Pleasant Estates Drive . easement.

together with the right to permit any other person, firm or corporation to attach wires to any facilities hereinder and lay cable and conduit within the easement and to operate the same for communications purposes with the ages of ingers and egress to said premises at all times, to clear the land and keep it cleared of all trees, undergrowth or other obstructions within the easement area; to trim and cut and keep trimmed and cut all dead, weak, leaning or dangerous trees or limbs outside of the easement area which might interfere with or fall upon the lines or systems of communications or power transmission or distribution, and further grants, to the fullest extent the undersigned has the power to grant, if at all, the rights hereinabove granted on the land heretofore described, over, along, under and across the roads, streets or highways adjoining or through said property.

IN WITNESS WHEREOF, the undersigned have signed and sealed this agreement on MON 14 , 19 7=.

in the presence of: - Wlenza Shrak	And Smen(SEAL)
Ralph & Plank,	Stanford Sommers (SEAL) Outa M. Sommers(SEAL)
	Alta M. Sommers (SEAL)
STATE OF FLORIDA AND COUNTY OFSARASTA	* ***
The foregoing instrument was acknowledged before me this	
	RLIA M. SOMMALS, Secretary of SOMMARS FIVE
,a FLORI	corporation, on behalf of the corporation.
Notice In the Pictor of Footder at Targe My Commission Expires Feb. 19, 1992	NOTARY AUBLIC, STATE OF FLORIDA AT LARGE MY COMMISSION EXPIRES:
STATE OF FLORIDA AND COUNTY OF	
. The foregoing instrument was acknowledged before me this	day of
by	and

PUBLIC VERSION Prepared by: F. E. Rueger Florida Power and Light Co. P. O. Box 1119 Sarasota, FL 33578



RWO/SIO/TWO/ER __3478-7-560

26 , Twp 36 S, Rge 18 E

631048

EASEMENT Form 3722 (Stocked) Rev. 2/86

The undersigned, in consideration of the payment of \$1.00 and other good and valuable consideration, the adequacy and receipt of which is hereby acknowledged, grant and give to Florida Power & Light Company, its licensees, agents, successors, and assigns, an easement forever for the construction, operation and maintenance of overhead and underground electric utility facilities (including wires, poles, guys, cables, conduits and appurtenant equipment) to be installed from time to time; with the right to reconstruct, improve, add to, enlarge, change the voltage, as well as, the size of and remove such facilities or any of them within an easement 10 feet in width described as follows: See attached Exhibit "A" dated June 5, 1986.

Intangible Tax Pd. \$ R. H. Hackney, Jr., Clerk, Saresbia County Deputy Clerk

Together with the right to permit any other person, firm or corporation to attach wires to any facilities hereunder and lay cable and conduit within the easement and to operate the same for communications purposes; the right of ingress and egress to said premises at all times; the right to clear the land and keep it cleared of all trees, undergrowth and other obstructions within the easement area; to trim and cut and keep trimmed and cut all dead, weak, leaning or dangerous trees or limbs outside of the easement area which might interfere with or fall upon the lines or systems of communications or power transmission or distribution; and further grants, to the fullest extent the undersigned has the power to grant, if at all, the rights hereinabove granted on the land heretofore described, over, along, under and across the roads, streets or highways adjoining or through said property.

	ndersigned has signed and sealed this instrument on
6-6	, 19 <u>8</u> .
Signed, sealed and delivered in the presence of:	
Lety Low Martin	By: Description Of Executive Of Ficer
Betty Low Martin	Attest:
	Secretary (Corp. Seal)
STATE OFFLORIDA	AND COUNTY OFSARASOTA
The foregoing instrument was acknowle	edged before me this 6th day of June, 1986,
by Ben E. Eberly	and,
respectively the Chief Executiversic	icer lent andSecretary of
Sunnyside Properties of	corporation, on behalf of said corporation.
R. P.	Betty Low Martin
My Commission Expires:	Notary Public, State of Florida
My Commission Expires: Notary Public, State of Flo	

My Commission Expires Feb. 8, 1990

Prepared by: Laurence D. Duvall PUBLIC VERSION

Florida Power & Light Company P. O. Box 1119 Sarasota, FL 33578

13.00

EASEMENT Form 3722 (Stocked) Rev. 7/85 RWO 3264-7-560 Tremont Subdivision

SEC 26 Tup 365 Rg. 17

The undersigned, in consideration of the payment of \$1.00 and other good and valuable consideration, the adequacy and receipt of which is hereby acknowledged, grant and give to Florida Power & Light Company, its licensees, agents, successors, and assigns, an easement forever for the construction, operation and maintenance of overhead and underground electric utility facilities (including wires, poles, guys, cables, conduits and appurtenant equipment) to be installed from time to time; with the right to reconstruct, improve, add to, enlarge, change the voltage, as well as, the size of and remove such facilities or any of them within an easement 10 feet in width described as follows:

See the sketches labeled Exhibit "A" and Exhibit "B" attached hereto and made a part hereof.

Together with the right to permit any other person, firm or corporation to attach wires to any facilities hereunder and lay cable and conduit within the easement and to operate the same for communications purposes; the right of ingress and egress to said premises at all times; the right to clear the land and keep it cleared of all trees, undergrowth and other obstructions within the easement area; to trim and cut and keep trimmed and cut all dead, weak, leaning or dangerous trees or limbs outside of the easement area which might interfere with or fall upon the lines or systems of communications or power transmission or distribution; and further grants, to the fullest extent the undersigned has the power to grant, if at all, the rights hereinabove granted on the land heretofore described, over, along, under and across the roads, streets or highways adjoining or through said property.

IN WITNESS WHEREOF, the undersigned has signed and sealed and seal	d this instrument on
Signed, sealed and delivered in the presence of: By:	Juntano -
Jerry A Reed Attest:	Secretary (Corp. Seal)
STATE OF FLORIDA AND COUNTY OF	SARASOTA
The foregoing instrument was acknowledged before me this 17 by TERRY BLOMBERG and -	_day ofApr.
respectively the President and See	
My Commission Expires: My Commission Expires: My Ang 1, 1989 ATRENS INVESTORS INC, a FLORIDA corporation, a function of the following properties of the following prope	

Florida Power & Light Company
P. O. Box-1119 Sarasota, FL 34239
RWO/SIO/TWO/ER 786-4-560

Sec. 26 , Twp 36 S, Rge 17 E

90023243

EASEMENT Form 3722 (Stocked) Rev. 2/86

The undersigned, in consideration of the payment of \$1.00 and other good and valuable consideration, the adequacy and receipt of which is hereby acknowledged, grant and give to Florida Power & Light Company, its licensees, agents, successors, and assigns, an easement forever for the construction, operation and maintenance of overhead and underground electric utility facilities (including wires, poles, guys, cables, conduits and appurtenant equipment) to be installed from time to time; with the right to reconstruct, improve, add to, enlarge, change the voltage, as well as, the size of and remove such facilities or any of them within an easement 10 feet in width described as follows:

* and Storer Cable TV of Florida, Inc.

0k BOOK

Lots 1 thru 13, Block 2, Plat No. 1, St. Armands Division, The John Ringling Estates as recorded in Plat Book 2, Page 31, of the Public Records of Sarasota County, Florida.

Said easement 10 feet in width, which is more particularly described in and shown on Florida Power & Light Company drawing dated. July 26, 1989, marked Exhibit "A", attached hereto and made a part hereof.

TRANS NUM:00012790
DOC STAMPS PD: \$.55
INTANG. TAX PD: \$.00
KAREN E RUSHING SARASUTA CO.
BY: D.C.

0.00 / 3

Together with the right to permit any other person, firm or corporation to attach wires to any facilities hereunder and lay cable and conduit within the easement and to operate the same for communications purposes; the right of ingress and egress to said premises at all times; the right to clear the land and keep it cleared of all trees, undergrowth and other obstructions within the easement area; to trim and cut and keep trimmed and cut all dead, weak, leaning or dangerous trees or limbs outside of the easement area which might interfere with or fall upon the lines or systems of communications or power transmission or distribution; and further grants, to the fullest extent the undersigned has the power to grant, if at all, the rights hereinabove granted on the land heretofore described, over, along, under and across the roads, streets or highways adjoining or through said property.

IN WITNESS WHEREOF, the undersig	ned has signed and sealed this instrument on
	for St. Armands key Lutheran
Signed, sealed and delivered	Church, Inc.
in the presence of:	
	$\mathcal{A}/\mathcal{N}/\mathcal{N}$
#1 4 -	n The Manual Control of the Control
dena pusa les	by: Will - President
12 . 2	1 Pesident
- Lestran - July	Attest: Melhard horional
	Secretary
	(Corp. Seal)
- West 1	
STATE OF Tetrada	AND COUNTY OF Savarate
	200
The foregoing instrument was acknowledged b	efore me this & day of 10000, 19/
by (Trelle) walls)	and Mechatled Dranks,
respectively the President and	dSecretary of OT Troy no
. /	
The willian Charles a I all	corporation, on behalf of said corporation.
Va. 1884. 32 cc	Mularin Muller
My Commission Expires:	Notary Public, State of Scale
	, contec

TIOTARY PUBLIC, STATE OF FEORIDA:
MY TOMMISSION EXPIRES: JUNE 22, 1992:
COMECO THRU NOTARY PUBLIC UNDERWRITERS

Work Request No. 1714572

Sec.25, Twp 36 S, Rge 18 E

Parcel I.D. 0048-11-0105 (Maintained by County Appraiser)

Form 3722-A (Stocked) Rev. 7/94

Bonded through 1st State Insurance

EASEMENT

This Instrument Prepared By

Name:

Shanon Wright Co. Name: Florida Power & Light Company Address:

5657 S McIntosh Rd Sarasota, FL 34233

pg 1 of 3.

The undersigned, in consideration of the payment of \$1.00 and other good The undersigned, in consideration of the payment of \$1.00 and other good and valuable consideration, the adequacy and receipt of which is hereby acknowledged, grant and give to Florida Power & Light Company, its licensees, agents, successors, and assigns, an easement forever for the construction, operation and maintenance of overhead and underground electric utility facilities (including wires, poles, guys, cables, conduits and appurtenant equipment) to be installed from time to time; with the right to reconstruct, improve, add to, enlarge, change the voltage, as well as, the size of and remove such facilities or any of them within an easement described on Exhibit "A" pages 1 and 2, attached hereto and made a permanent part hereof.

IN WITNESS WHEREOF, the undersigned has signed and sealed this instrument on

2005 NOV 10 01:21 PM KAREN E. RUSHING CLERK OF THE CIRCUIT COURT SARASOTA COUNTY, FLORIDA FMILLER Receipt#711489

0.70

Reserved for Circuit Court

Doc Stamp-Deed:

Together with the right to permit any other person, firm or corporation to attach wires to any facilities hereunder and lay cable and conduit within the easement and to operate the same for communications purposes; the right of ingress and egress to said premises at all times; the right to clear the land and keep it cleared of all trees, undergrowth and other obstructions within the easement area; to trim and cut and keep trimmed and cut all dead, weak, leaning or dangerous trees or limbs outside of the easement area which might interfere with or fall upon the lines or systems of communications or power transmission or distribution; and further grants, to the fullest extent the undersigned has the power to grant, if at all, the rights hereinabove granted on the land heretofore described, over, along, under and across the roads, streets or highways adjoining or through said property.

Signed, sealed and delivered in the presence of: (Witness' Signature) Print Name: Aloxa E. Kirk (Witness) (Witness' Signature) Print Name: Karen Miller (Witness)	By: Maw (Grantor's signature) Print Name: MARO L. Comparetto MGR. Print Address: 5556 Pacmer BLVD Serve T. 34232 By: (Grantor's signature) Print Name: Print Address:
who is(are) personally known to me or has(have) produce did (did not) take an oath. My Commission Expires:	The foregoing instrument was acknowledged before me this Compare to, and

PUBLIC VERSION 5811 Gulf of Mey Work Order No. 1391-07-527 EASEMENT This Instrument Prepared By Sec. 75 . Two 35 S. Rge 16 E Gerald D. Stroop Co. Name: Bill Roberts & Assoc., Parcel I.D. # P.O.Box 12 Address: (Maintained by County Appraiser) Bradenton, Fl. 34206 Form 3722-A (Stocked) Rev. 7/94 The undersigned, in consideration of the payment of \$1.00 and other good and valuable consideration, the adequacy and receipt of which is hereby acknowledged, grant and give to Florida Power & Light Company, its licensees, agents, successors, and assigns, an easement forever for the construction, operation and maintenance of overhead and underground electric utility facilities (including wires, poles, guys, cables, conduits and appurtenant equipment) to be installed from time to time; with the right to reconstruct, improve, add to, enlarge, change the voltage, as well as, the size of and remove such facilities or any of them within an easement 10 feet in width described as follows: SEE ATTACHED EXHIBIT "A" BK 1474 PG 7628 DKT# 867330 1 of 3 Together with the right to permit any other person, firm or corporation to attach wires to any facilities hereunder and lay cable and conduit within the easement and to operate the same for communications purposes; the right of ingress and egress to said premises at all times; the right to clear the land and keep it cleared of all trees, undergrowth and other obstructions within the easement area; to trim and cut and keep trimmed and cut all dead, weak, leaning or dangerous trees or limbs outside of the easement area which might interfere with or fall upon the lines or systems of communications or power transmission or distribution; and further grants, to the fullest extent the undersigned has the power to grant, if at all, the rights hereinabove granted on the land heretofore described, over, along, under and across the roads, streets or highways adjoining or through said property. IN WITNESS WHEREOF, the undersigned has signed and sealed this instrument on Signed, sealed and delivered in the presence of: (Grantor's signature) RANDY V. HEYSEK Print Name: BOX 90758 Print Address: Lake and, Fla 33804 MARY L. HEYSEK Print Name: Print Address: STATE OF LUNCIDA SARASIOTA.

1998, by the above

(Type of Identification) My Commission Expires: SANDRA K. MULLINS COMMISSION # CC 429847 EXPIRES DEC 27, LOSE BONDED THRU ATLANTIC BONDING CO., INC.

and

AND COUNTY OF

Print Name

as identification, and who did (did not) take an oath.

The foregoing instrument was acknowledged

who is(are) personally known to me or has(have) produced

Work Order No. <u>1676-7-527</u> EASEMI	ENT
Sec. 25 Frup 37 S, Rge 18 E Name: Scott Shuce	0000-0-0
Co. Name: Florida Po	
Parcel I.D. # (Maintained by County Appraiser) Address: 5657 S. Mo	cIntosh Rd. ** OFFICIAL RECORDS **
Sarasota,	F1. 34233 BOOK 2857 PAGE 1038
Savannah at Turtle Rock	
The undersigned, in consideration of the payment of \$1.00 valuable consideration, the adequacy and receipt of which is he	reby acknowledged, Doc Stand-Deed: 0.70
grant and give to Florida Power & Light Company, its successors, and assigns, an easement forever for the construc-	licensees, agents, Karen E Reshing, Sarasota Co.
maintenance of overhead and underground electric utility	facilities (including
wires, poles, guys, cables, conduits and appurtenant equipm from time to time; with the right to reconstruct, improve, add	to, enlarge, change
the voltage, as well as, the size of and remove such facilit within an easement <u>10</u> feet in width described as follows:	
	Reserved for Circuit Court
	ne Southwesterly 10 ft. of Tract 605, adjacent
	82, Savannah at Turtle Rock, a subdivision of ed in the Public Records of Sarasota County, Fl.
Said Easement shown on Exhibit "A", attache	ed hereto and made a permanent part hereof.
99 L6700 PA	
25 CO (28 Y) 20 C	
Together with the right to permit any other person, firm or co	orporation to attach wires to any facilities hereunder and lay cable and
conduit within the easement and to operate the same for comm	nunications purposes; the right of ingress and egress to said premises at trees, undergrowth and other obstructions within the easement area; to
trim and cut and keep trimmed and cut all dead, weak, leaning	g or dangerous trees or limbs outside of the easement area which might
extent the undersigned has the power to grant, if at all, the ri-	ons or power transmission or distribution; and further grants, to the fullest ghts hereinabove granted on the land heretofore described, over, along,
under and across the roads, streets or highways adjoining or t	hrough said property.
IN WITNESS WHEREOF, the undersigned has signed and se	
Signed, sealed and delivered in the presence of:	SAVINGA ROUGESTAND CO.
	By: Waren Current
Xillre Maurison-True (Winess' Signature)	Print Name: JOHN - F- DOWN CO
Print Name Lillie Dullson-Lucen	Print Address: DB2 NOMENS WASSEN
(Witness)	STANDATE!
(15 X X 14	11 7.1
(Witness' Signature)	Attest: (Secretary's signature)
Print Name Poblo K Kouth (Wimess)	Print Name: N. DIETER GEORGES
(witness)	Print Address: 1858 RIVELIAG BCVA
	81248014 FC. 34236
*	(Corporate Seal)
STATE OF Florida AND COUNTY OF SALAS	
before me this 6 th, day of June, 1996,	
Survey of Revelue nout Co.	pectively the President and Secretary of , a corporation, on behalf of said
copporation, who are personally known to me or have produced _	as identification, and who did (did not) take an oath.
My Commission Expires:	Type of Identification)
SARBARA B GA	PINIED
TARY PUBLIC STATE COMMISSION NO.	E OF FLORIDA
17 COMMISSION EXP	APR. 19,1999

FPL-R16-0016

PUBLIC VERSION Power & Light Company

O. Box 1119 Sarasota, FL 34230

RWO/SIO/TWO/ER

Twp. 36 S. Rge

90121018

** OFFICIAL BOOK 2258

PAGE 1051

FPL-R16-0017

EASEMENT Form 3723A (Stocked) Rev. 2/86

The undersigned, in consideration of the payment of \$1.00 and other good and valuable consideration, the adequacy and receipt of which is hereby acknowledged, grant and give to Florida Power & Light Company, its lecensees, agents, successors, and assigns, an easement forever for the construction, operation and maintenance of overhead and underground electric utility facilities (including wires, poles, guys, cables, conduits and appurtenant equipment) to be installed from time to time; with the right to reconstruct, improve, add to, enlarge, change the voltage, as well as, the size of and remove such facilities or any of them within an easement 10 feet in width (the approximate location of which is shown in the sketch on Page 2 of this instrument) located within the following described property:

A parcel of land lying and being in the Southwest 1/4, Section 25, Township 36 South, Range 20 East, Sarasota County, Florida, and being more particularly described as follows:

Begin at the Southwest corner of the Southwest 1/4 of said Section 25; thence Northerly along the West line of said Southwest 1/4, 208.71'; thence Easterly and parallel with the South line of said Southwest 1/4, 208.71'; thence Southerly and parallel with the West line of said Southwest 1/4, 208.71' to intersect the South line of said Southwest 1/4; thence Westerly along the South line of said Southwest 1/4, 208.71' to the Point of Beginning and containing 1.00 + Acre. Subject to easement as recorded in Official Records Book 1010, at Page 2186.

Said easement more particularly described on Exhibit "A" (see back of this sheet).

TRANS NUM: 00059228 DOC STAMPS PD: 5.00 INTANS. TAX PD: KAREN E RUSHING SARASETA CO. BY: 6 July John C.

Together with the right to permit any other person, firm or corporation to attach wires to any facilities hereunder and lay cable and conduit within the easement and to operate the same for communication purposes; the right of ingress and egress to said premises at all times; the right to clear the land and keep it cleared of all trees, undergrowth and other obstructions within the easement area; to trim and cut and keep trimmed and cut all dead, weak, leaning or dangerous trees or limbs outside of the easement area which might interfere with or fall upon the lines or systems of communications or power transmission or distribution; and further grants, to the fullest extent the undersigned has the power to grant, if at all, the rights hereinabove granted on the land heretofore described, over, along, under and across the roads, streets or highways adjoining or through said property.

IN WITNESS WHEREOF, the undersigned has signed and sealed this instrument on 18, 1971 Signed, sealed and delivered in the presence of: (Seal) (Seal) AND COUNTY OF MINSOTO STATE OF The foregoing instrument was acknowledged before me this My Commission Expires: State of Notary Public.

Motore Polisic, State of Morids

Day Commission Explant July 54, 1992 Bonded That Tree Falls - Insurance Inc.